

CORRIGENDUM

Volume **185**, Number 2 (1994), in the article “Convergence of an Ishikawa-Type Iteration Scheme for a Generalized Contraction,” by B. E. Rhoades, pp. 350–355: The author thanks Professors A. K. Kalinde and S. N. Mishra for bringing to his attention an error in the Proof of the

etadate, citation and similar papers at

$$0 \leq \alpha_{n-1}(r_{n-1} - Q(r_{n-1})) \leq r_{n-1} - r_n. \quad (7)$$

Therefore $\{r_n\}$ is decreasing in n , which implies that $\lim r_n = r \geq 0$. Suppose that $r > 0$. From (7) and (c),

$$\frac{\alpha_{n-1}r_{n-1}}{g(r_{n-1})} \leq r_{n-1} - r_n$$

or

$$\alpha_{n-1} \leq \frac{g(r_{n-1})}{r_{n-1}}(r_{n-1} - r_n) \leq \frac{g(r)(r_{n-1} - r_n)}{r}.$$

Therefore

$$\sum_{k=0}^n \alpha_k \leq \frac{g(r)}{r} \sum_{k=0}^n (r_k - r_{k+1}) = \frac{g(r)}{r}(r_0 - r_{n+1}). \quad (8)$$